

# VP-Connect

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**1<sup>ST</sup> JULY 2020 to 31<sup>ST</sup> DECEMBER 2020**



## Department of Information Technology

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### Institute Vision

To achieve excellence in imparting technical education so as to meet the professional and societal needs.

### Institute Mission

- Developing technical skills by imparting knowledge and providing hands on experience.
- Creating an environment that nurtures ethics, leadership and team building.
- Providing industrial exposure for minimizing the gap between academics & industry.

## Department of Information Technology

### Vision

To become a leading center in the domain of Information Technology where learners are introduced to the concepts and implementation of technologies.

### Mission

- Encouraging academic excellence and a passion for learning through the use of learner-oriented teaching methodologies.
- Providing an environment that inculcates ethics and effective soft-skills and focuses on the development of learners.
- Establishing and reinforcing a symbiotic institute-industry interface so that learners can gain exposure to real-life applications of Information Technology.

## Department of Information Technology

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Summer-20 MSBTE  
Examination Toppers

### Program Educational Objectives (PEOs)

**PEO 1:** Provide socially responsible, environment friendly solutions to Information technology related broad-based problems adapting professional ethics. .

**PEO2:** Adapt state-of-the-art Information Technology broad-based techniques to work in multi-disciplinary work environments.

**PEO3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

### Program Specific Outcomes (PSOs)

- **Modern Information Technology:** Use latest technologies for operation and application of information.
- **Information Technology Process:** Maintain the information processes using modern information and communication technologies. .

## Department of Information Technology

### Program Outcomes (POs)

- **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
- **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.



**From HOD'S Desk –Prof Yogita Jore**

## ***Inside Story***

*Vidyalankar Polytechnic aims at imparting Quality Technical Education to meet the technical advancements and industrial requirements of the society. It aims at identifying the hidden skills, developing the personality, and inculcating human values to make the students emerge as technically qualified professionals fit enough to face the present competitive world. We teach not only the technical aspects but also inculcate moral and ethical values. This enables them to be socially committed and service oriented.*

*We wish to prepare Diploma holders to face the challenges in the sector of technology and engineering in the future and succeed in offering technology solutions for the betterment of the society and our nation. We are committed to provide leadership, support for students, and help them in their professional development.*

### **Quote**

**IF YOU CAN DREAM IT , YOU CAN DO IT**

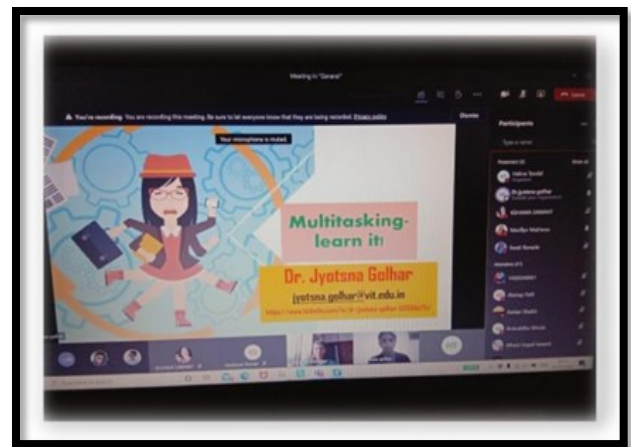
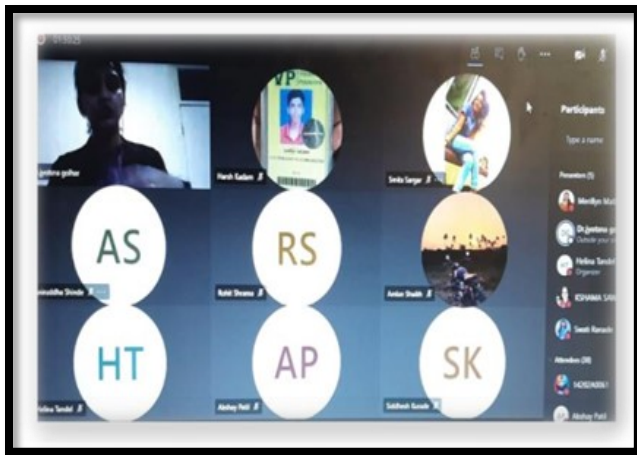
**- WALT DISNEY**



# *Seminar on “Multitasking: Learn it”*

A seminar on ‘Multitasking Learn it ‘was arranged for second and third year students of Vidyalankar Polytechnic on 23<sup>rd</sup> August 2020. Our resource speaker was Dr. Jyotsna Golhar The need of this topic was decided as per the current pandemic situation where maximum work was done from home.

Our students were engaged in many activities undertaken by the speaker like count the colored dots and listening to two stories simultaneously and give answers accordingly. The speaker emphasized the importance of multitasking and doing it effectively to practice it in our daily life. To make the talk interactive, students were encouraged to ask questions and their queries were answered that made the activity successful.



# *Webinar on “Email: How it works & its Forensics”*

## *Inside Story*

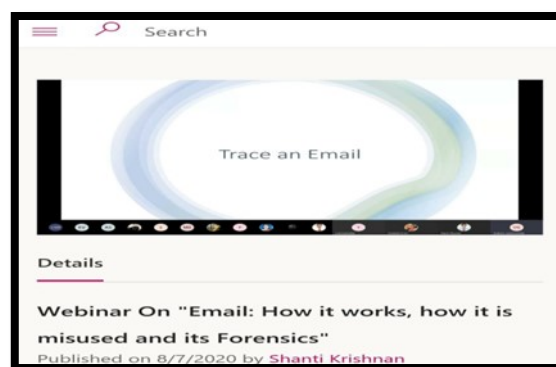
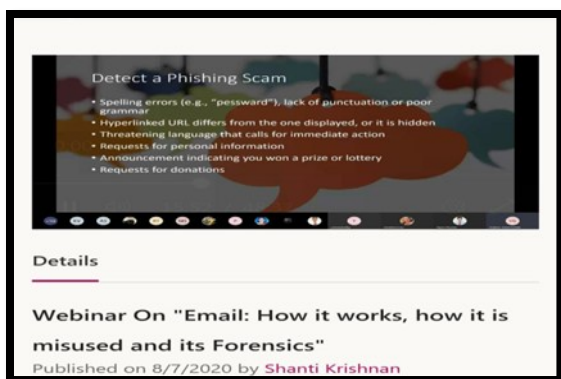
Industry Institute Interaction Committee had organized a webinar for all the students of Vidyalankar Polytechnic on the topic: “Email: How it works? & its Forensics”

It was delivered by Director of Rediff Securities on MS-Teams.

The webinar comprised on all the security aspects of Email, How it works, How does email routing work.

Also, the six phases of the forensic investigation process were discussed. Some of the latest tools were also introduced.

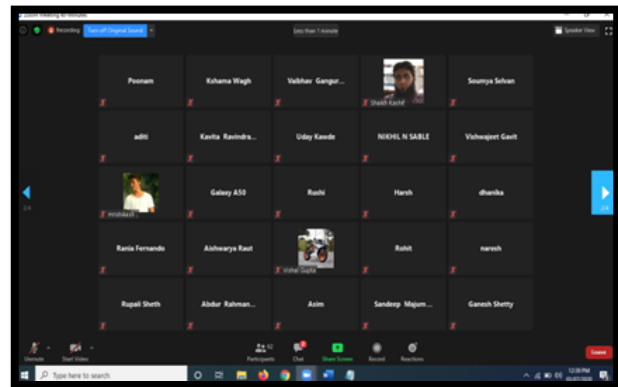
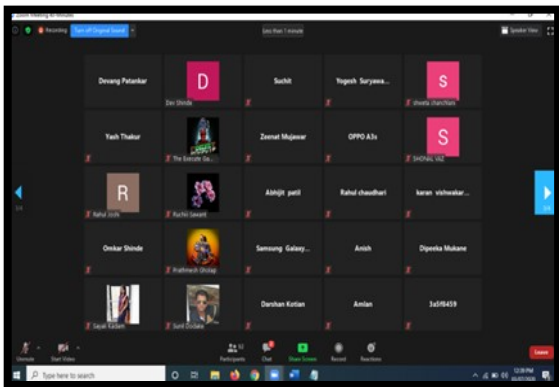
Overall, it was a highly interactive session & it ended with question/ answer session from staff as well as students forum.



# *Webinar on “Data Analysis using Python”*

## *Inside Story*

The webinar was organized and conducted as scheduled on 3<sup>rd</sup> July 2020 at 12noon. Real time data was used to explain the concept of data analysis by the speaker. Python programming language was used to perform the data analysis and visualization. The aim of the webinar was to open up a forum for discussion on an evolving trend in technology and to introduce the concept of data science to the students. The webinar was attended by lecturers, head of department(s) and students of several other institutes and staff , students of Vidyalankar Polytechnic.





# Webinar on “An Introduction To Data Analytics Using SQL and Python”

## Inside Story

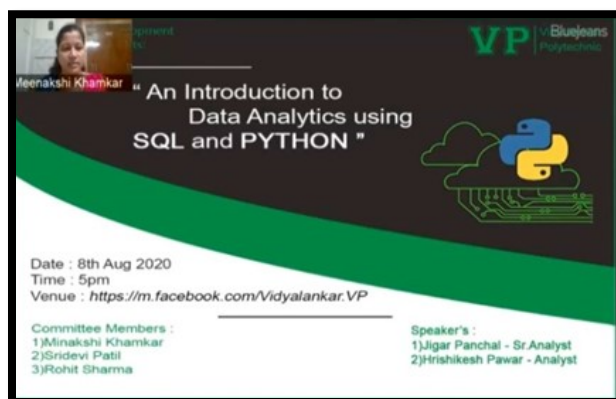
Research and Development Committee had organized a Webinar on An Introduction To Data Analytics Using SQL and Python for all the students of all the branches using Facebook live. The session was conducted by

Jigar Panchal , Sr. Analyst

Hrishikesh Pawar , Analyst

In the session speakers discuss about three things in data analytics namely understanding what data analytics is all about, what are the common phases in data analytic projects and application in our day to day life.

Various applications in day to day life using data analytics with SQL and python were discussed and students were shown the real statics of few applications like weather forecast. The overall session was exhilarating and motivation for the students



## ***Our Toppers of MSBTE Summer 2020***

### **THIRD YEAR TOPPERS**



**Shreyas Shah**  
**(99.87%)**



**Chinmay Korgaonkar**  
**(99.73%)**



**Jashraj Patel**  
**(99.47%)**



**Tanishk Shah**  
**(99.33%)**



**Leon Dsouza**  
**(99.33%)**

## ***Our Toppers of MSBTE Summer 2020***

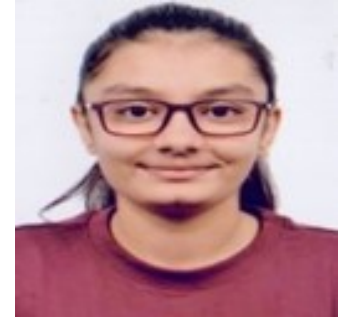
### **SECOND YEAR TOPPERS**



**Yash Bhappa  
(97.25%)**



**Siddhi Bhosale  
(97.13%)**



**Maitri Mistry  
(96.63%)**

### **FIRST YEAR TOPPERS**



**Asmika Panchal  
(94.88%)**



**Shruti Patil  
(94.63%)**



**Zeenat Mujawar  
(93.75%)**